**IN THE SPECIFICATION:**

The abstract is amended as follows:

-- ~~The invention relates to~~In the generating of images by means of a two-dimensional field of image sensors, notably by means of a flat dynamic X-ray detector FDXD, adherence~~. In order to adhere~~ to ~~with~~ the maximum data rate $G_{max}$ of an evaluation unit (1) ~~it is necessary to satisfy~~requires satisfying the relation $\Delta x.\Delta y.f/b \leq G_{max}$ between the width $\Delta x$ and the height $\Delta y$ of a sub-region of the image sensor read out, the imaging rate f and the binning factor b. In conformity with the method, parameters defining the size, position and/or shape of the sub-region can be preset at will, the other variables of the inequality being adapted, if necessary, in such a manner that the inequality remains satisfied. In the context of the method there is also performed a mosaic calibration during which calibration images of the complete image sensor are composed from calibration images of sub-regions.--

Do Not enter.
JP 05/26/2010